

20 MAR 2006

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER Le A 36 902
INTERNATIONAL APPLICATION NO. PCT/EP2004/010383	INTERNATIONAL FILING DATE 16 September 2004 (16.04.2004)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/572882
TITLE OF INVENTION Diagnostics and Therapeutics for Diseases Associated with G-Protein Coupled Receptor ADIPOR2 (ADIPOR2)		PRIORITY DATE CLAIMED 27 September 2003 (27.09.2003)
APPLICANT(S) FOR DO/EO/US <div style="text-align: center;">Stefan GOLZ, et al.</div>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ORIGINAL

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/572882		INTERNATIONAL APPLICATION NO. PCT/EP2004/010383		ATTORNEY'S DOCKET NUMBER Le A 36 902	
20. Other items or information: 1) Certificate of Mailing under 37 C.F.R. 1.10 2) Copy of the International Search Report (37 CFR 1.492(b)(3)) 2) Statement as to the Identity of the Sequence Listing 3) Paper copy of the Sequence Listing 4) Itemized Return Receipt Postcard					
The following fees have been submitted				CALCULATIONS	
				PTO USE ONLY	
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$	300.00
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))				\$	200.00
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
All other situations..... \$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))				\$	400.00
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100					
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations..... \$500					
TOTAL OF 21, 22 and 23 =					\$900.00
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
129 - 100 =	29 /50 =	1	x \$250	\$	250.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	26 - 20 =	6	x \$ 50	\$	300.00
Independent claims	13 - 3 =	10	x \$200	\$	2,000.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			0 + \$360	\$	00.00
TOTAL OF ABOVE CALCULATIONS =				\$	3,450.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$	3,450.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	3,450.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	3,450.00
				Amount to be refunded:	\$
				Amount to be charged	\$


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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 13-3372 in the amount of \$ 3,450.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-3372. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO: **Customer No. 35969**

Jeffrey M. Greenman
Vice President
Patents and Licensing
Bayer Pharmaceuticals Corporation
400 Morgan Lane
West Haven, CT 06516


SIGNATURE
Susan M. Pellegrino
NAME
48,972
REGISTRATION NUMBER

Date of Deposit: 20 March 2006
Express Mail Label Number: EQ 409 312 077 US

Attorney's Docket No. Le A 36 902

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Stefan Golz, et al.

Serial No.: [to be assigned]

National Stage Filing of PCT/EP2004/010383

International Filing Date: 16 September 2004

For: Diagnostics and Therapeutics for Diseases Associated with G-Protein
Coupled Receptor ADIPOR2 (ADIPOR2)

**MAIL STOP PCT
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CERTIFICATE OF MAILING UNDER 37 CFR 1.10

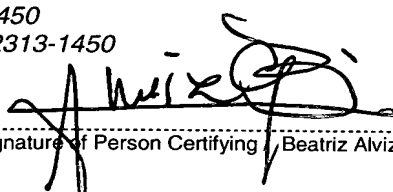
I hereby certify that the *attached* correspondence comprising:

- Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)
Concerning a Filing under 35 U.S.C. 371 [IN DUPLICATE];
- Application Data Sheet under 37 C.F.R. 1.76;
- Preliminary Amendment;
- Copy of the International Application as filed (35 U.S.C. 371(c)(2));
- Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98 consisting of:
 - 1) Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b)(2)
 - 2) Copy of the International Search Report prepared by the European Patent Office
 - 3) Form(s) PTO/SB/08A-B [substitute for form 1449/PTO] (37 C.F.R. 1.98(a)(b))
 - 4) Copies of Cited References (37 C.F.R. 1.98(d))
- Submission of Sequence Listing consisting of:
 - 1) Sequence Listing in Computer Readable Form (Diskette enclosed);
 - 2) Statement as to the Identity of the Sequence Listing; and
 - 3) Printout of the Sequence Listing.
- Itemized Return Receipt Post Card.

is, on the date shown below, being deposited with the United States Postal Service, in an envelope
as "Express Mail Post Office to Addressee" Mailing Label Number **EQ 409 312 077 US** addressed to:

*Mail Stop PCT
Commissioner for Patents
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20 March 2006
Date


Signature of Person Certifying Beatriz Alviz